

Guess Paper of Chemistry 10th Class

M.CQs.=1x12

Short.Qs.=15/24=15x2

Long Q=2/3=2x9

- 1.Exercise M.CQs Must.
2. Differ b/w reactants and products . 3. define law of mass action.
4. Differ b/w dynamic and static equilibrium. 5. What is larger and smaller value of K_c .
- 6.write microscopic properties or character of dynamic equilibrium
- 7.Differ b/w reverse and forward reaction 8. compare Q_c vs K_c .
- 9.why the reversible reaction never complete. 10. What will be reaction if $K_c=Q_c$.
- 11.Define equilibrium constant 12. Has Equilibrium constant units .Yes or no?
- 13.Exercise short Q No: (1)(2)(3)(4)(5)(6)(7)(10) (13) of chp 9
- 14.Differ b/w acid and bases or write properties of acid and base.
- 15.Differ b/w conjugate acid and base. 16. What is lewis acid and base.
- 17.What are limitations of Arrhenius concept 18. what is plaster of Paris.
- 20 Why BF_3 act as Lewis acid. 21. What is Bronsted concept of acid and base.
- 22.Write the name of mineral acid . 23.differ b/w acidic and basic salt.
- 24.Why fresh water is not electrolyte. 25.Differ b/w acid and base?
- 26.Differ b/w universal indicator and pH meter 26. write uses of sodium silicate.
28. Differ b/w P_H and P_{OH} and also write their uses.
- 29.What is neutralization and also define salts. 30. Which acids are used in fertilizers.
- 31.Write character of salt and also define salts.? 32. How salts are prepared.
- 33.Which acid is found in apples,urine and sour milk?
- 34.how the food is preserved 35.Write different types of salts? 36. What is hyperacidity.
- 37.Exercise short Q. NO(2)(6)(7)(8)(10)(11,15,16,17,20) of chp 10.
- 38.what is vital force theory 39. how hydrocarbons used as fuels.
- 40.what was working of Wohler OR who prepared Urea first time.
- 41.Differ b/w organic chemistry and organic compound 42. classify the types of coal.
- 43.Differ b/w molecular and structural formula 44.write sources of organic compounds.
- 45.what are aromatic compounds 46. define the coke,coal gas and coal tar.
- 47.differ b/w homocyclic and heterocyclic 48. write the formula to indicate organic compounds.
- 50.differ b/w open chain and closed chain 51. how hydrocarbons used as food stock in industry.
- 52.Define the isomerism and isomers. 53. What is carbonization or how coal is formed.
- 54.why organic compounds are abundant and also define catenation
- 55.what is destructive distillation 56. what is naphthalene. 57. What,s about perfumes.
- 58.define petroleum . 59.differ b/w homologous series and functional group
- 60.what is aldehyde ? 61.Write three uses of organic compounds.
- 62.Write three characteristics of organic compounds.
- 63.Write two characters of homologous series?
- 64.differ b/w bromine test and Fehling solution test.
- 65.differ b/w aldehyde and ketones.
- 66.Exercise short Q.No 2...3..4...7..8.12.13..of chp 11.
- 67.what are hydrocarbons. 68.Write uses of ethane,ethene and acetylene.
- 69.differ b/w saturated and unsaturated hydrocarbons.
- 70.Write general formulae of hydrocarbons
- 71.why alkane called paraffin and write name of simple alkane.
- 72.Why alkenes called olefins. . 73.Write sources of alkane,alkene and alkyne?

73. Write two physical properties of alkane and alkene?
 74. Why alkynes called acetylenes.
 75. Exercise short Q.No.6..8..9..10..11..15..16..17. of chp 12.
 76. Define biochemistry and write its importance
 77. Differ b/w ghee and oil. 78. Differ b/w water soluble and fat soluble vitamins.
 79. Define carbohydrates and write its classification. 80. Write commercial use of enzyme.
 81. Write two use of lipid, protein and carbohydrates. 81. How RNA act as messenger.
 82. Differ b/w essential and non essential amino acids. 83. What is margarine.
 84. Differ b/w glucose and fructose 85. Write sources of lipids, proteins and carbohydrates.
 86. What is peptide linkage. 87. What are nucleotides or components of DNA?
 88. Write general formula of amino acids and carbohydrates.
 89. What is hydrogenation of oil. 90. Write uses of lipid, proteins and carbohydrates.
 91. Differ b/w ghee and oil. 92. Write sources of vitamin A and D?
 93. Differ b/w saturated and unsaturated fatty acids? 94. Write importance of vitamins.
 95. Differ b/w DNA and RNA and also write their functions. 96. How DNA cause of cancer.
 97. What disease caused by deficiency of vitamin A and D.
 98. Exercises short Q.No..1..2..5..6..7..9..10..11.12.13.14.15.16.18.19. of chp 13.
 99. How many layers or region of atmosphere and write their names?
 100. Differ b/w atmosphere and environment. 101. Write composition of dry air or atmosphere.
 102. Differ b/w pollution and pollutants. 103. How CO₂ is hidden enemy.
 104. Differ b/w primary and secondary pollutants
 105. Write sources of CO₂. 106. What is green house effect? 107. Write oxides of S, C and N.
 108. Define global warming and its effects. 109. Write govt action to controlled the pollution.
 110. Name the air pollutants. 111. Write name of life gas. 112. What is incineration.
 113. Define acid rain and its effects on environment. 114. Write the greenhouse gases.
 115. How ozone depleted and also define ozone hole
 116. Write effects of ozone depletion and how ozone is beneficial for man?
 117. Exercises short Q.No..5..8..9..10..12? Of chp 14.
 118. What is capillary action. or how water rise up in plants?
 119. Write major characteristics or properties of water. 120. What is chlorination.
 121. Why water is polar. 122. Why water is universal solvent?
 123. What are disadvantages of hard water. 124. Write occurrence of water.
 125. What are effects of water pollution. 126. Write types of hardness of water?
 127. What are industrial effluents 128. Differ b/w jaundice and hepatitis.
 129. Differ b/w hard and soft water. 130. What is Clark's method. 131. Write types of hardness.
 131. Which salts cause of water hardness. 132. How to remove hardness of water.
 133. Exercises short Q.No..1..3..4.5.6.7.12.13.14. of chp 15.
 134. Define the ore, minerals, metallurgy and gangue 135. Differ b/w roasting and smelting.
 136. Write advantages of Solvay process. 137. Differ b/w refining and fractional distillation.
 138. Differ b/w matte and slag. 139. Differ b/w LPG and CNG.
 140. Write fractions of petroleum with one use of each.
 141. Write raw material of Solvay. 142. Differ b/w gravity and electromagnet separation.
 143. Differ blister copper and anode mud. 144. Write importance of urea. 145. What is residual oil.
 146. Write raw material, products and byproducts of Solvay.
 147. What's status of chemistry in industry.
 148. Exercises short Q.No..3..4..6..8..11..13..14..16..17..11 of chp 16.

EXTENSIVE QUESTIONS

- 1.Explain the law of mass action. 2.What is importance of Kc.
- 3.Write microscopic characteristics of dynamic equilibrium?
- 4.Explain lewis acid and base concept . 5: arrhinus concept of acid and base.
- 6.Explains the uses of acids,bases,and salts atleast four uses of each.
- 7.Explain different types of salts? . 8. How salts are prepared.
- 9.Write uses of methane, ethene and acetylene.OR write uses of alkane, alkene and alkyne
- 10.How alkanes are prepared.
- 11.Explain the sources and uses of carbohydrates and proteins
- 12.Explain watson and crick model of DNA. 13.Write sources and uses of Lipids?
- 14.Explain the water borne diseases and how to prevent these diseases?
- 15.Write effects of water pollution? 16.Explain methods to remove hardness of Water?
- 17.Explain industrial effluents with its effects?
- 18.How urea is manufactuered.19.Write importance and status of urea?
- 20.What are fertilizers explain it within its types? OR Differ b/w natural and chemical fertilizers?
- 21.Explain the solvay process and also write advantages of solvay process?
- 22.what is petroleium industry.explain it 23.Write important fractions of petroleum?
24. Draw flow sheet of solvay and urea preparation.
25. Write basic metallurgical operations.

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